

## ENVIRONMENTAL DATING

Can Mussel Shells Reveal Environmental History?  
B. Carrell, S. Forberg, E. Grundelius, L. Henrikson, A. Johnels, U. Lindh, H. Mutvei, M. Olsson, K. Svårdström and T. Westermark

## LEAD

The Fate of Lead in Soils: The Transformation of Lead Pellets in Shooting-Range Soils  
S. Storgaard-Jørgensen and M. Willems  
The Fate of Lead in Soils: Lead Originating From the Roofs of Ancient Churches  
S. Storgaard-Jørgensen and M. Willems

## CHERNOBYL

The Chernobyl Accident—A Meteorological Analysis of How Radionuclides Reached and Were Deposited in Sweden  
C. Persson, H. Rodhe and L.-E. De Geer

## WATER RESOURCES

Alternatives to Traditional Water Development in the United States  
B. Blackwelder, B. L. Harding and T. Colborn

## PLANKTONIC BLOOMS

Phaeocystis Blooms and Nutrient Enrichment in the Continental Coastal Zones of the North Sea  
C. Lancelot, G. Billen, A. Sournia, T. Weisse, F. Colijn, M. J. W. Veldhuis, A. Davies and P. Wassman

## ECOTOXICOLOGY

Ecotoxicology—A Framework for Investigations of Hazardous Chemicals in the Environment  
D. W. Connell

## WRI NEWS

New WRI Report Details Strategies For Protecting Ozone Layer  
L. Sinclair

Making Common Cause  
L. Sinclair

## BOOK REVIEW

Adaptive Management of Renewable Resources  
Anders Karlqvist

## SYNOPSIS

The IUCN Conference on Conservation and Development in Ottawa  
U. Svedin

World Bank Study—Wastewater Reuse, A Valuable Water Resource for Arid Countries  
M. Falkenmark

The International Global Atmospheric Chemistry (IGAC) Program  
H. Rodhe

The International Centre for Ocean Development—A Unique Donor Agency  
J. Watson

Forestry Conflicts in Canada  
J. A. Dunster

A Coal Gasification Combined Cycle Power Plant: New Interest in Coal Combustion Technologies  
I. Anderson

## ECOSYSTEM ANALYSIS

The Forest Ecosystem: Tropical and Boreal  
E. F. Bruening

## COMMERCIAL ASPECTS

Forest Products—World Situation  
K. Kuusela

## DECLINE

Cascades of Causes and Effects in Forest Decline  
R. M. Klein and T. D. Perkins

## DEVELOPING COUNTRIES

Creating Incentives for Sustainable Forest Development  
R. Repetto

Agroforestry and Sustainable Development: Making the Connection  
R. Winterbottom and P. T. Hazlewood

Biomass Energy in Developing Countries: Problems and Challenges  
G. T. Goodman

Strengthening Forestry Institutions in the Developing World  
R. E. Buckman

Community Forestry  
J. E. M. Arnold

## CASE STUDIES

Multiple-Use Forestry in the United Kingdom  
D. R. Hellivell

Queensland's Daintree Rain Forest at Risk  
S. R. Aiken and C. H. Leigh

Chemicals and Canadian Forestry: The Controversy Continues  
J. A. Dunster

## WRI NEWS

Government Irrigation Subsidies Result in Huge Economic and Environmental Losses Worldwide  
L. Sinclair

Bellegio Strategy Meeting on Tropical Forestry  
M. Holloway

## SYNOPSIS

Satellite Remote Sensing in Forest Management  
S. Jaakkola

Moving Forestry into the Post-Modern World  
J. H. Wikström

Tropical Watershed Forestry under Attack  
F. Smiet

Social Values in Forestry  
P. Glöck

Tree-Vigor Monitoring by Repeat Photography in the Alpine Forest/Tundra Ecotone  
L. Kullman

## WATER RESOURCES

Stream Management: Emerging Global Similarities  
R. C. Petersen Jr., B. L. Madsen, M. A. Witzbach, C. H. D. Magadza, A. Paariberg, A. Kullberg and K. W. Cummins

Salinization of Rivers and Streams: An Important Environmental Hazard  
W. D. Williams

The Development of Water Reuse in Israel  
H. I. Shuval

Water-Related Limitations to Local Development  
M. Falkenmark, A. K. Biswas, H. Hori, T. Ishibashi, G. Kovacs, P. Rogers and H. I. Shuval

Conservation and Society  
Traditional Political Structure and Conservation in Oceania  
M. D. Chapman

Environmental Epidemiology  
Mortality from Nonmalignant Respiratory Diseases in Scotland Between 1959 and 1963  
F. L. R. Williams, O. L. Lloyd and W. G. Berry

Pollution Indicators  
Is Decline in *Cantherellus cibarius* in The Netherlands Due to Air Pollution?  
E. Jansen and H. F. van Dobben

WRI NEWS  
Greenhouse Effect Can Be Greatly Diminished by Early Action, Says New Research Report  
L. Sinclair

Resource Issues Today: Hazardous Wastes and Sustainable Development  
L. Sinclair

Synopsis  
Our Common Future—The "Brundtland Commission" Report  
F. Barnaby

Tropical Disease and Human Ecology  
B. Hubendick

Can NGOs Come to the Rescue of the Major International Donors?  
H. L. Vukasin

The Role of Aquaculture in Nepal: Towards Sustainable Development  
A. Katz

Toward Effect-Oriented Environmental Management  
I. Andersson

Energy from Human Waste in India  
K. S. Jayaraman

Book Review  
Energy Research and Development in the USSR. Preparations for the Twenty-First Century  
S. Wennerberg

Acidification  
Acidification in Europe: A Simulation Model for Evaluating Control Strategies  
J. Alcamo, M. Amann, J.-P. Hettelingh, M. Holmberg, L. Hordijk, J. Kämäri, L. Kauppi, P. Kauppi, G. Kornai and A. Mäkelä

Marine Eutrophication  
Coastal Eutrophication in Sweden: Reducing Nitrogen in Land Runoff  
S. Fleischer, S. Hamrin, T. Kindt, L. Rydberg and L. Ståle

Organotin Pollution  
Tributyltin—Contemporary Environmental Issues  
R. B. Laughtin, Jr. and O. Lindén

## ENVIRONMENT IN CHINA

Environmental Pollution and Control Measures in China  
H. Yuanjun and Z. Zhongxing

Protecting Biological Resources to Sustain Human Progress  
J. Jianming

## INSECT ECOLOGY

The Role of Insects in Tropical Forest Food Webs  
S. R. Greenwood

## LAND DEGRADATION

Australian Land Degradation and Its Control  
B. Roberts

## WRI NEWS

In the US Interest: Resources, Growth and Security in the Third World  
M. Holloway

Agriculture Must Be Ecologically Sustainable "to Feed the Earth," Says New WRI Study  
L. Sinclair

World Bank President Announces New Environmental Policies  
L. Sinclair

## NORDIC AID PROJECTS

Nordic Conference on Environment and Development  
J. Tinker

Paper at a Price: Southern Paper Mill, Tanzania  
A. Ngaiza

Waging War on Rice Pests in Bangladesh  
T. Ahmad

Farming With Ahimsa: Integrated Rural Development in Sri Lanka  
M. Wanigasundara

## SYNOPSIS

Bamboo and Wooden Water Pipes  
T. N. Lipangile

Meeting Drought: A Micro Watershed Development Approach  
B. M. Udagankar and V. D. Deshpande

The Norwegian River Protection Scheme: A Remarkable Achievement of Environmental Conservation  
S. Huse

Should Britain Build a New Nuclear-Power Reactor? The Sizewell Public Enquiry  
F. Barnaby

## WATER RESOURCES

Development and Biological Status of Lake Kariba—A Man-Made Tropical Lake  
L. Ramberg, S. Björk-Ramberg, N. Kautsky and C. Machena

Future Water Supply in the Machakos District of Kenya  
S. K. Mutiso and R. D. Thompson

## CONSERVATION

Natural Conservation Regions in China  
W. Yuqing

## FORESTRY

Forestry in India—The Forester's View  
S. Shyamshunder and S. Parameswarappa

Jamaica: Test Case for Tropical Deforestation?  
L. A. Eyre

## PULP MILL EFFECTS

Effects of Pulp and Paper Mill Effluents on Coastal Fish Communities in the Gulf of Bothnia, Baltic Sea  
S. Hansson

## WRI NEWS

New Tropical Forestry Plan Released: Focus of International Meeting  
M. Holloway

Energy Efficient Technologies Can Meet Future Needs Without Increasing Energy Use  
L. Sinclair

## NORDIC AID PROJECTS

Glaciers of the Desert—Mauritania  
S. Gaye

Marginal Soil, Marginal Farms—Kenya  
B. Omoro

Monitoring the Mekong  
C. N. Thongtham

## SYNOPSIS

Exaggerating the Sahelian Woodfuel Problem?  
G. Foley

Tropical Watershed Forestry—Aiming for Greater Accuracy  
L. S. Hamilton

## BOOK REVIEWS

Tropical Ecology and Physical Edaphology  
N. Nykvist

The Greenhouse Effect, Climatic Change, and Ecosystems  
H. Öklund

## ENVIRONMENTAL DATING

Can Mussel Shells Reveal Environmental History?  
B. Carrell, S. Forberg, E. Grundelius, L. Henrikson, A. Johnels, U. Lindh, H. Mutvei, M. Olsson, K. Svårdström and T. Westermark

## LEAD

The Fate of Lead in Soils: The Transformation of Lead Pellets in Shooting-Range Soils  
S. Storgaard-Jørgensen and M. Willems  
The Fate of Lead in Soils: Lead Originating From the Roofs of Ancient Churches  
S. Storgaard-Jørgensen and M. Willems

## CHERNOBYL

The Chernobyl Accident—A Meteorological Analysis of How Radionuclides Reached and Were Deposited in Sweden  
C. Persson, H. Rodhe and L.-E. De Geer

## WATER RESOURCES

Alternatives to Traditional Water Development in the United States  
B. Blackwelder, B. L. Harding and T. Colborn

## PLANKTONIC BLOOMS

Phaeocystis Blooms and Nutrient Enrichment in the Continental Coastal Zones of the North Sea  
C. Lancelot, G. Billen, A. Sournia, T. Weisse, F. Colijn, M. J. W. Veldhuis, A. Davies and P. Wassman

## ECOTOXICOLOGY

Ecotoxicology—A Framework for Investigations of Hazardous Chemicals in the Environment  
D. W. Connell

## WRI NEWS

New WRI Report Details Strategies For Protecting Ozone Layer  
L. Sinclair

Making Common Cause  
L. Sinclair

## BOOK REVIEW

Adaptive Management of Renewable Resources  
Anders Karlqvist

## SYNOPSIS

The IUCN Conference on Conservation and Development in Ottawa  
U. Svedin

World Bank Study—Wastewater Reuse, A Valuable Water Resource for Arid Countries  
M. Falkenmark

The International Global Atmospheric Chemistry (IGAC) Program  
H. Rodhe

The International Centre for Ocean Development—A Unique Donor Agency  
J. Watson

Forestry Conflicts in Canada  
J. A. Dunster

A Coal Gasification Combined Cycle Power Plant: New Interest in Coal Combustion Technologies  
I. Anderson

## ECOSYSTEM ANALYSIS

The Forest Ecosystem: Tropical and Boreal  
E. F. Bruening

## COMMERCIAL ASPECTS

Forest Products—World Situation  
K. Kuusela

## DECLINE

Cascades of Causes and Effects in Forest Decline  
R. M. Klein and T. D. Perkins

## DEVELOPING COUNTRIES

Creating Incentives for Sustainable Forest Development  
R. Repetto

Agroforestry and Sustainable Development: Making the Connection  
R. Winterbottom and P. T. Hazlewood

Biomass Energy in Developing Countries: Problems and Challenges  
G. T. Goodman

Strengthening Forestry Institutions in the Developing World  
R. E. Buckman

Community Forestry  
J. E. M. Arnold

## CASE STUDIES

Multiple-Use Forestry in the United Kingdom  
D. R. Hellivell

Queensland's Daintree Rain Forest at Risk  
S. R. Aiken and C. H. Leigh

Chemicals and Canadian Forestry: The Controversy Continues  
J. A. Dunster

## WRI NEWS

Government Irrigation Subsidies Result in Huge Economic and Environmental Losses Worldwide  
L. Sinclair

Bellegio Strategy Meeting on Tropical Forestry  
M. Holloway

## SYNOPSIS

Satellite Remote Sensing in Forest Management  
S. Jaakkola

Moving Forestry into the Post-Modern World  
J. H. Wikström

Tropical Watershed Forestry under Attack  
F. Smiet

Social Values in Forestry  
P. Glöck

Tree-Vigor Monitoring by Repeat Photography in the Alpine Forest/Tundra Ecotone  
L. Kullman

## WATER RESOURCES

Stream Management: Emerging Global Similarities  
R. C. Petersen Jr., B. L. Madsen, M. A. Witzbach, C. H. D. Magadza, A. Paariberg, A. Kullberg and K. W. Cummins

Salinization of Rivers and Streams: An Important Environmental Hazard  
W. D. Williams

The Development of Water Reuse in Israel  
H. I. Shuval

Water-Related Limitations to Local Development  
M. Falkenmark, A. K. Biswas, H. Hori, T. Ishibashi, G. Kovacs, P. Rogers and H. I. Shuval

Conservation and Society  
Traditional Political Structure and Conservation in Oceania  
M. D. Chapman

Environmental Epidemiology  
Mortality from Nonmalignant Respiratory Diseases in Scotland Between 1959 and 1963  
F. L. R. Williams, O. L. Lloyd and W. G. Berry

Pollution Indicators  
Is Decline in *Cantherellus cibarius* in The Netherlands Due to Air Pollution?  
E. Jansen and H. F. van Dobben

WRI NEWS  
Greenhouse Effect Can Be Greatly Diminished by Early Action, Says New Research Report  
L. Sinclair

Resource Issues Today: Hazardous Wastes and Sustainable Development  
L. Sinclair

Synopsis  
Our Common Future—The "Brundtland Commission" Report  
F. Barnaby

Tropical Disease and Human Ecology  
B. Hubendick

Can NGOs Come to the Rescue of the Major International Donors?  
H. L. Vukasin

The Role of Aquaculture in Nepal: Towards Sustainable Development  
A. Katz

Toward Effect-Oriented Environmental Management  
I. Andersson

Energy from Human Waste in India  
K. S. Jayaraman

Book Review  
Energy Research and Development in the USSR. Preparations for the Twenty-First Century  
S. Wennerberg

Acidification  
Acidification in Europe: A Simulation Model for Evaluating Control Strategies  
J. Alcamo, M. Amann, J.-P. Hettelingh, M. Holmberg, L. Hordijk, J. Kämäri, L. Kauppi, P. Kauppi, G. Kornai and A. Mäkelä

Marine Eutrophication  
Coastal Eutrophication in Sweden: Reducing Nitrogen in Land Runoff  
S. Fleischer, S. Hamrin, T. Kindt, L. Rydberg and L. Ståle

Organotin Pollution  
Tributyltin—Contemporary Environmental Issues  
R. B. Laughtin, Jr. and O. Lindén

## ENVIRONMENT IN CHINA

Environmental Pollution and Control Measures in China  
H. Yuanjun and Z. Zhongxing

Protecting Biological Resources to Sustain Human Progress  
J. Jianming

## INSECT ECOLOGY

The Role of Insects in Tropical Forest Food Webs  
S. R. Greenwood

## LAND DEGRADATION

Australian Land Degradation and Its Control  
B. Roberts

## WRI NEWS

In the US Interest: Resources, Growth and Security in the Third World  
M. Holloway

Agriculture Must Be Ecologically Sustainable "to Feed the Earth," Says New WRI Study  
L. Sinclair

World Bank President Announces New Environmental Policies  
L. Sinclair

## NORDIC AID PROJECTS

Nordic Conference on Environment and Development  
J. Tinker

Paper at a Price: Southern Paper Mill, Tanzania  
A. Ngaiza

Waging War on Rice Pests in Bangladesh  
T. Ahmad

Farming With Ahimsa: Integrated Rural Development in Sri Lanka  
M. Wanigasundara

## SYNOPSIS

Bamboo and Wooden Water Pipes  
T. N. Lipangile

Meeting Drought: A Micro Watershed Development Approach  
B. M. Udagankar and V. D. Deshpande

The Norwegian River Protection Scheme: A Remarkable Achievement of Environmental Conservation  
S. Huse

Should Britain Build a New Nuclear-Power Reactor? The Sizewell Public Enquiry  
F. Barnaby

## WATER RESOURCES

Development and Biological Status of Lake Kariba—A Man-Made Tropical Lake  
L. Ramberg, S. Björk-Ramberg, N. Kautsky and C. Machena

Future Water Supply in the Machakos District of Kenya  
S. K. Mutiso and R. D. Thompson

## CONSERVATION

Natural Conservation Regions in China  
W. Yuqing

## FORESTRY

Forestry in India—The Forester's View  
S. Shyamshunder and S. Parameswarappa

Jamaica: Test Case for Tropical Deforestation?  
L. A. Eyre

## PULP MILL EFFECTS

Effects of Pulp and Paper Mill Effluents on Coastal Fish Communities in the Gulf of Bothnia, Baltic Sea  
S. Hansson

## WRI NEWS

New Tropical Forestry Plan Released: Focus of International Meeting  
M. Holloway

Energy Efficient Technologies Can Meet Future Needs Without Increasing Energy Use  
L. Sinclair

## NORDIC AID PROJECTS

Glaciers of the Desert—Mauritania  
S. Gaye

Marginal Soil, Marginal Farms—Kenya  
B. Omoro

Monitoring the Mekong  
C. N. Thongtham

## SYNOPSIS

Exaggerating the Sahelian Woodfuel Problem?  
G. Foley

Tropical Watershed Forestry—Aiming for Greater Accuracy  
L. S. Hamilton

## BOOK REVIEWS

Tropical Ecology and Physical Edaphology  
N. Nykvist

The Greenhouse Effect, Climatic Change, and Ecosystems  
H. Öklund

